EMSL Analytical, Inc., IH Laboratory, 3 Cooper Street, Westmont, NJ 08108 phone (800)220-3675

April 4, 2007

Porter Morgan
Blackstone Consulting, LLC
339 Bluejay Way
Orlando, FL 32828

Email: pmorgan@blackstoneconsulting.com

RE: EMSL 280700451
Project:
TO-15 ANALYSIS

Dear Porter:

Attached please find the lab report and results for the above referenced analysis. If you have any questions or need further information please do not hesitate to contact me at extension 1275. If you require data interpretation, please contact Vince Daliessio, CIH, at extension 1240.

Sincerely,

Scott VanEtten
Senior Chemist
IH Laboratory Manager

NJ-NELAP Laboratory No. 04653

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-5
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-1
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4288.d
Calibration Date:	4/2/07	**Analysis Date:**	04/02/07
Matrix:	Air	**Time Acquired:**	22:50
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T1890

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
Propylene	115-07-1	42	1.0	U	1.7	
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	171	0.50	U	3.5	
Chloromethane	74-87-3	50	0.58		1.2	
Vinyl chloride	75-01-4	63	0.50	U	1.3	
1,3-Butadiene	106-99-0	54	0.50	U	1.1	
Bromomethane	74-83-9	95	0.50	U	1.9	
Chloroethane	75-00-3	65	0.50	U	1.3	
Ethanol	64-17-5	46	36	E	69	
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2	
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8	
Isopropyl alcohol(2-Propanol)	67-63-0	60	16		40	
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187	1.8		14	
Acetone	67-64-1	58	7.1		17	
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0	
Acetonitrile	75-05-8	41	0.50	U	0.84	
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5	
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2	
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6	
Carbon disulfide	75-15-0	76	0.50	U	1.6	
Methylene chloride	75-09-2	85	1.5	U	5.2	
Acrylonitrile	107-13-1	53	0.50	U	1.1	
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0	
n-Hexane	110-54-3	86	0.50	U	1.8	
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0	
Vinyl acetate	108-05-4	86	0.50	U	1.8	
2-Butanone(MEK)	78-93-3	72	1.1		3.1	
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0	
Ethyl acetate	141-78-6	88	0.50	U	1.8	
Chloroform	67-66-3	119	0.50	U	2.4	
Tetrahydrofuran	109-99-9	72	0.50	U	1.5	
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	
Cyclohexane	110-82-7	84	0.50	U	1.7	
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3	
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	
n-Heptane	142-82-5	100	0.51		2.1	
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0	
Benzene	71-43-2	78	0.50	U	1.6	
Trichloroethene	79-01-6	131	0.50	U	2.7	
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3	
Bromodichloromethane	75-27-4	164	0.50	U	3.3	
1,4-Dioxane	123-91-1	88	0.50	U	1.8	
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50	U	2.0	
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	
Toluene	108-88-3	92	1.3		4.9	

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-5
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-1
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4288.d
Calibration Date:	4/2/07	**Analysis Date:**	04/02/07
Matrix:	Air	**Time Acquired:**	22:50
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T1890

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	0.50	U	2.2	
Xylene (para & meta)	1330-20-7	106	0.50	U	2.2	
Xylene (Ortho)	95-47-6	106	0.50	U	2.2	
Styrene	100-42-5	104	0.50	U	2.1	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	0.50	U	2.5	
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5	
2-Chlorotoluene	95-49-8	127	0.50	U	2.6	
1,2,4-Trimethylbenzene	95-63-6	120	0.50	U	2.5	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

Surrogate	Result(ppbv)	True(ppbv)	%Recovery	Limits %
4-Bromofluorobenzene	9.99	10.00	100	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.
U= UNDETECTED
D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.
B= DETECTED IN BLANK
E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.
J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

451-1

Lab Name: EMSL ANALYTICAL Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: AIR Lab Sample ID: 451-1

Sample wt/vol: 250 ML Lab File ID: J4288.D

Date Received: _____

Date Analyzed: 4/2/07

GC Column: RTX-502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Concentration Units:

Number TICs found: 2 ppbv

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-45-6	Difluorochloromethane	5.51	1	J
2. 75-28-5	Isobutane	5.98	1	J
3.				
4.				
5.				
6.				
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24.				
25.				
26.				
27.				
28.				
29.				
30.				

J = Estimated Concentration

B = Detected in Blank

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-6
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-2
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4289.d
Calibration Date:	4/2/07	**Analysis Date:**	04/02/07
Matrix:	Air	**Time Acquired:**	23:37
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T2087

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
Propylene	115-07-1	42	1.0	U	1.7	
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	171	0.50	U	3.5	
Chloromethane	74-87-3	50	0.61		1.3	
Vinyl chloride	75-01-4	63	0.50	U	1.3	
1,3-Butadiene	106-99-0	54	0.50	U	1.1	
Bromomethane	74-83-9	95	0.50	U	1.9	
Chloroethane	75-00-3	65	0.50	U	1.3	
Ethanol	64-17-5	46	120	E	220	
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2	
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8	
Isopropyl alcohol(2-Propanol)	67-63-0	60	39	E	96	
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187	0.50	U	3.8	
Acetone	67-64-1	58	12		29	
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0	
Acetonitrile	75-05-8	41	0.50	U	0.84	
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5	
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2	
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6	
Carbon disulfide	75-15-0	76	0.50	U	1.6	
Methylene chloride	75-09-2	85	1.5	U	5.2	
Acrylonitrile	107-13-1	53	0.50	U	1.1	
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0	
n-Hexane	110-54-3	86	0.50	U	1.8	
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0	
Vinyl acetate	108-05-4	86	0.50	U	1.8	
2-Butanone(MEK)	78-93-3	72	4.0		12	
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0	
Ethyl acetate	141-78-6	88	0.50	U	1.8	
Chloroform	67-66-3	119	0.50	U	2.4	
Tetrahydrofuran	109-99-9	72	0.50	U	1.5	
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	
Cyclohexane	110-82-7	84	0.50	U	1.7	
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3	
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	
n-Heptane	142-82-5	100	1.2		4.9	
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0	
Benzene	71-43-2	78	0.50	U	1.6	
Trichloroethene	79-01-6	131	0.50	U	2.7	
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3	
Bromodichloromethane	75-27-4	164	0.50	U	3.3	
1,4-Dioxane	123-91-1	88	0.50	U	1.8	
4 Methyl 2-pentanone(MIBK)	108-10-1	100	0.79		3.2	
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	
Toluene	108-88-3	92	9.6		36	

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-6
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-2
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4289.d
Calibration Date:	4/2/07	**Analysis Date:**	04/02/07
Matrix:	Air	**Time Acquired:**	23:37
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T2087

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	0.50	U	2.2	
Xylene (para & meta)	1330-20-7	106	0.58		2.5	
Xylene (Ortho)	95-47-6	106	0.50	U	2.2	
Styrene	100-42-5	104	0.50	U	2.1	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	0.50	U	2.5	
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5	
2-Chlorotoluene	95-49-8	127	0.50	U	2.6	
1,2,4-Trimethylbenzene	95-63-6	120	0.50	U	2.5	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

Surrogate	Result(ppbv)	True(ppbv)	%Recovery	Limits %
4-Bromofluorobenzene	9.99	10.00	100	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.
U= UNDETECTED
D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.
B= DETECTED IN BLANK
E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.
J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

451-2

Lab Name: EMSL ANALYTICAL Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: AIR Lab Sample ID: 451-2

Sample wt/vol: 250 ML Lab File ID: J4289.D

Date Received: _____

Date Analyzed: 4/2/07

GC Column: RTX-502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Concentration Units:

Number TICs found: 5 ppbv

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-37-6	Ethane, 1,1-difluoro-	5.46	3	J
2. 75-28-5	Isobutane	5.98	5	J
3. 78-78-4	Butane, 2-methyl-	8.10	2	J
4.	Unknown	9.03	1	J
5. 589-34-4	Hexane, 3-methyl-	16.88	1	J
6.				
7.				
8.				
9.				
10.				
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21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

J = Estimated Concentration

B = Detected in Blank

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-2
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-3
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4290.d
Calibration Date:	4/2/07	**Analysis Date:**	04/03/07
Matrix:	Air	**Time Acquired:**	12:24am
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T1550

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
Propylene	115-07-1	42	1.0	U	1.7	
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	171	0.50	U	3.5	
Chloromethane	74-87-3	50	0.52		1.1	
Vinyl chloride	75-01-4	63	0.50	U	1.3	
1,3-Butadiene	106-99-0	54	0.50	U	1.1	
Bromomethane	74-83-9	95	0.50	U	1.9	
Chloroethane	75-00-3	65	0.50	U	1.3	
Ethanol	64-17-5	46	11		20	
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2	
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8	
Isopropyl alcohol(2-Propanol)	67-63-0	60	17		42	
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187	0.50	U	3.8	
Acetone	67-64-1	58	7.6		18	
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0	
Acetonitrile	75-05-8	41	0.50	U	0.84	
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5	
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2	
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6	
Carbon disulfide	75-15-0	76	0.50	U	1.6	
Methylene chloride	75-09-2	85	1.5	U	5.2	
Acrylonitrile	107-13-1	53	0.50	U	1.1	
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0	
n-Hexane	110-54-3	86	0.50	U	1.8	
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0	
Vinyl acetate	108-05-4	86	0.50	U	1.8	
2-Butanone(MEK)	78-93-3	72	1.0		3.1	
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0	
Ethyl acetate	141-78-6	88	0.50	U	1.8	
Chloroform	67-66-3	119	0.50	U	2.4	
Tetrahydrofuran	109-99-9	72	0.50	U	1.5	
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	
Cyclohexane	110-82-7	84	0.50	U	1.7	
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3	
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	
n-Heptane	142-82-5	100	0.86		3.5	
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0	
Benzene	71-43-2	78	0.50	U	1.6	
Trichloroethene	79-01-6	131	0.50	U	2.7	
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3	
Bromodichloromethane	75-27-4	164	0.50	U	3.3	
1,4-Dioxane	123-91-1	88	0.50	U	1.8	
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50	U	2.0	
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	
Toluene	108-88-3	92	1.4		5.1	

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-2
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-3
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4290.d
Calibration Date:	4/2/07	**Analysis Date:**	04/03/07
Matrix:	Air	**Time Acquired:**	12:24am
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T1550

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	0.50	U	2.2	
Xylene (para & meta)	1330-20-7	106	0.50	U	2.2	
Xylene (Ortho)	95-47-6	106	0.50	U	2.2	
Styrene	100-42-5	104	0.50	U	2.1	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	0.50	U	2.5	
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5	
2-Chlorotoluene	95-49-8	127	0.50	U	2.6	
1,2,4-Trimethylbenzene	95-63-6	120	0.50	U	2.5	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

Surrogate	Result(ppbv)	True(ppbv)	%Recovery	Limits %
4-Bromofluorobenzene	10.06	10.00	101	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.
U= UNDETECTED
D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.
B= DETECTED IN BLANK
E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.
J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

451-3

Lab Name: EMSL ANALYTICAL Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: AIR Lab Sample ID: 451-3

Sample wt/vol: 250 ML Lab File ID: J4290.D

Date Received: _____

Date Analyzed: 4/3/07

GC Column: RTX-502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Concentration Units:

Number TICs found: 1 ppbv

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-45-6	Difluorochloromethane	5.51	1	J
2.				
3.				
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J = Estimated Concentration

B = Detected in Blank

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-1
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-4
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4291.d
Calibration Date:	4/2/07	**Analysis Date:**	04/03/07
Matrix:	Air	**Time Acquired:**	1:10am
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T2206

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
Propylene	115-07-1	42	1.0	U	1.7	
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	171	0.50	U	3.5	
Chloromethane	74 87 3	50	0.51		1.1	
Vinyl chloride	75-01-4	63	0.50	U	1.3	
1,3-Butadiene	106-99-0	54	0.50	U	1.1	
Bromomethane	74-83-9	95	0.50	U	1.9	
Chloroethane	75-00-3	65	0.50	U	1.3	
Ethanol	64-17-5	46	12		22	
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2	
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8	
Isopropyl alcohol(2-Propanol)	67-63-0	60	16		40	
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187	0.50	U	3.8	
Acetone	67-64-1	58	5.7		14	
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0	
Acetonitrile	75-05-8	41	0.50	U	0.84	
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5	
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2	
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6	
Carbon disulfide	75-15-0	76	0.50	U	1.6	
Methylene chloride	75-09-2	85	1.5	U	5.2	
Acrylonitrile	107-13-1	53	0.50	U	1.1	
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0	
n-Hexane	110-54-3	86	0.50	U	1.8	
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0	
Vinyl acetate	108-05-4	86	0.50	U	1.8	
2-Butanone(MEK)	78-93-3	72	1.1		3.3	
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0	
Ethyl acetate	141-78-6	88	0.50	U	1.8	
Chloroform	67-66-3	119	0.50	U	2.4	
Tetrahydrofuran	109-99-9	72	0.50	U	1.5	
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	
Cyclohexane	110-82-7	84	0.50	U	1.7	
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3	
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	
n-Heptane	142-82-5	100	0.93		3.8	
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0	
Benzene	71-43-2	78	0.50	U	1.6	
Trichloroethene	79-01-6	131	0.50	U	2.7	
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3	
Bromodichloromethane	75-27-4	164	0.50	U	3.3	
1,4-Dioxane	123-91-1	88	0.50	U	1.8	
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50	U	2.0	
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	
Toluene	108-88-3	92	1.3		4.9	

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-1
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-4
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4291.d
Calibration Date:	4/2/07	**Analysis Date:**	04/03/07
Matrix:	Air	**Time Acquired:**	1:10am
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T2206

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	0.50	U	2.2	
Xylene (para & meta)	1330-20-7	106	0.50	U	2.2	
Xylene (Ortho)	95-47-6	106	0.50	U	2.2	
Styrene	100-42-5	104	0.50	U	2.1	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	0.50	U	2.5	
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5	
2-Chlorotoluene	95-49-8	127	0.50	U	2.6	
1,2,4-Trimethylbenzene	95-63-6	120	0.50	U	2.5	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

Surrogate	Result(ppbv)	True(ppbv)	%Recovery	Limits %
4-Bromofluorobenzene	10.14	10.00	101	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.
U= UNDETECTED
D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.
B= DETECTED IN BLANK
E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.
J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO. **451-4**

Lab Name: EMSL ANALYTICAL Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: AIR Lab Sample ID: 451-4

Sample wt/vol: 250 ML Lab File ID: J4291.D

Date Received: _____

Date Analyzed: 4/3/07

GC Column: RTX-502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Concentration Units:

Number TICs found: 3 ppbv

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-45-6	Difluorochloromethane	5.51	1	J
2. 78-78-4	Butane, 2-methyl-	8.10	1	J
3.	Unknown	9.03	1	J
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J = Estimated Concentration

B = Detected in Blank

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-4
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-5
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4292.d
Calibration Date:	4/2/07	**Analysis Date:**	04/03/07
Matrix:	Air	**Time Acquired:**	1:57am
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T2080

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
Propylene	115-07-1	42	1.0	U	1.7	
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	171	0.50	U	3.5	
Chloromethane	74-87-3	50	0.52		1.1	
Vinyl chloride	75-01-4	63	0.50	U	1.3	
1,3-Butadiene	106-99-0	54	0.50	U	1.1	
Bromomethane	74-83-9	95	0.50	U	1.9	
Chloroethane	75-00-3	65	0.50	U	1.3	
Ethanol	64-17-5	46	13		24	
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2	
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8	
Isopropyl alcohol(2-Propanol)	67-63-0	60	4.3		10	
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187	0.50	U	3.8	
Acetone	67 64 1	58	3.9		9.4	
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0	
Acetonitrile	75-05-8	41	0.50	U	0.84	
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5	
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2	
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6	
Carbon disulfide	75-15-0	76	0.50	U	1.6	
Methylene chloride	75-09-2	85	1.5	U	5.2	
Acrylonitrile	107-13-1	53	0.50	U	1.1	
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	
trans-1,2-Dichloroethene	156-60 5	97	0.50	U	2.0	
n-Hexane	110-54-3	86	0.50	U	1.8	
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0	
Vinyl acetate	108-05-4	86	0.50	U	1.8	
2-Butanone(MEK)	78-93-3	72	0.81		2.4	
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0	
Ethyl acetate	141-78-6	88	0.50	U	1.8	
Chloroform	67-66-3	119	0.50	U	2.4	
Tetrahydrofuran	109-99-9	72	0.50	U	1.5	
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	
Cyclohexane	110-82-7	84	0.50	U	1.7	
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3	
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	
n-Heptane	142-82-5	100	0.50	U	2.0	
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0	
Benzene	71-43-2	78	0.50	U	1.6	
Trichloroethene	79-01-6	131	0.50	U	2.7	
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3	
Bromodichloromethane	75-27-4	164	0.50	U	3.3	
1,4-Dioxane	123-91-1	88	0.50	U	1.8	
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50	U	2.0	
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	
Toluene	108-88-3	92	0.84		3.2	

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-4
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-5
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4292.d
Calibration Date:	4/2/07	**Analysis Date:**	04/03/07
Matrix:	Air	**Time Acquired:**	1:57am
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T2080

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	0.50	U	2.2	
Xylene (para & meta)	1330-20-7	106	0.50	U	2.2	
Xylene (Ortho)	95-47-6	106	0.50	U	2.2	
Styrene	100-42-5	104	0.50	U	2.1	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	0.50	U	2.5	
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5	
2-Chlorotoluene	95-49-8	127	0.50	U	2.6	
1,2,4-Trimethylbenzene	95-63-6	120	0.50	U	2.5	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

Surrogate	Result(ppbv)	True(ppbv)	%Recovery	Limits %
4-Bromofluorobenzene	9.93	10.00	99	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.
U= UNDETECTED
D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.
B= DETECTED IN BLANK
E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.
J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

451-5

Lab Name: EMSL ANALYTICAL Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: AIR Lab Sample ID: 451-5

Sample wt/vol: 250 ML Lab File ID: J4292.D

Date Received: _____

Date Analyzed: 4/3/07

GC Column: RTX-502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Concentration Units:

Number TICs found: 3 ppbv

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-45-6	Difluorochloromethane	5.50	1	J
2.	Unknown	9.04	1	J
3. 66-25-1	Hexanal	22.72	1	J
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J = Estimated Concentration

B = Detected in Blank

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-3
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-6
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4293.d
Calibration Date:	4/2/07	**Analysis Date:**	04/03/07
Matrix:	Air	**Time Acquired:**	2:44am
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T1817

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
Propylene	115-07-1	42	1.0	U	1.7	
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	171	0.50	U	3.5	
Chloromethane	74-87-3	50	0.62		1.3	
Vinyl chloride	75-01-4	63	0.50	U	1.3	
1,3-Butadiene	106-99-0	54	0.50	U	1.1	
Bromomethane	74-83-9	95	0.50	U	1.9	
Chloroethane	75-00-3	65	0.50	U	1.3	
Ethanol	64-17-5	46	67	E	130	
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2	
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8	
Isopropyl alcohol(2-Propanol)	67-63-0	60	46	E	110	
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187	0.50	U	3.8	
Acetone	67-64-1	58	11		27	
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0	
Acetonitrile	75-05-8	41	0.50	U	0.84	
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5	
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2	
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6	
Carbon disulfide	75-15-0	76	0.50	U	1.6	
Methylene chloride	75-09-2	85	1.5	U	5.2	
Acrylonitrile	107-13-1	53	0.50	U	1.1	
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0	
n-Hexane	110-54-3	86	0.56		2.0	
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0	
Vinyl acetate	108-05-4	86	0.50	U	1.8	
2-Butanone(MEK)	78-93-3	72	1.2		3.5	
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0	
Ethyl acetate	141-78-6	88	0.50	U	1.8	
Chloroform	67-66-3	119	0.50	U	2.4	
Tetrahydrofuran	109-99-9	72	0.50	U	1.5	
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	
Cyclohexane	110-82-7	84	0.50	U	1.7	
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3	
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	
n-Heptane	142-82-5	100	1.6		6.7	
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0	
Benzene	71-43-2	78	0.50	U	1.6	
Trichloroethene	79-01-6	131	0.50	U	2.7	
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3	
Bromodichloromethane	75-27-4	164	0.50	U	3.3	
1,4-Dioxane	123-91-1	88	0.50	U	1.8	
4-Methyl-2 pentanone(MIBK)	108-10-1	100	0.60		2.5	
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	
Toluene	108-88-3	92	1.2		4.7	

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	**Air Results for Project:**	EMSL 280700451
Lab City:	WESTMONT, NJ	**Field ID Number:**	AS-3
Instrument ID:	5972-VOA#4	**Laboratory ID Number:**	280700451-6
GC Column:	RTX-502.2 60m 0.25mm 1.4u	**Sampling Date:**	3/26/07
Acquisition Method:	040207TO.M	**Lab File ID:**	j4293.d
Calibration Date:	4/2/07	**Analysis Date:**	04/03/07
Matrix:	Air	**Time Acquired:**	2:44am
Latest MDL Date:	5/18, 5/23, 5/25/06	**Sample Volume(mL):**	250
Analyst:	MTH	**Dilution Factor:**	1
		Can ID:	T1817

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	0.50	U	2.2	
Xylene (para & meta)	1330-20-7	106	0.50	U	2.2	
Xylene (Ortho)	95-47-6	106	0.50	U	2.2	
Styrene	100-42-5	104	0.50	U	2.1	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	0.50	U	2.5	
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5	
2-Chlorotoluene	95-49-8	127	0.50	U	2.6	
1,2,4-Trimethylbenzene	95-63-6	120	0.50	U	2.5	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

Surrogate	Result(ppbv)	True(ppbv)	%Recovery	Limits %
4-Bromofluorobenzene	9.95	10.00	100	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.
U= UNDETECTED
D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.
B= DETECTED IN BLANK
E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.
J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

451-6

Lab Name: EMSL ANALYTICAL Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: AIR Lab Sample ID: 451-6

Sample wt/vol: 250 ML Lab File ID: J4293.D

Date Received: _____

Date Analyzed: 4/3/07

GC Column: RTX-502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Concentration Units:

Number TICs found: 7 ppbv

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-37-6	Ethane, 1,1-difluoro-	5.44	1	J
2. 75-45-6	Difluorochloromethane	5.50	1	J
3. 75-28-5	Isobutane	5.98	1	J
4. 78-78-4	Butane, 2-methyl-	8.10	1	J
5. 504-60-9	1,3-Pentadiene	10.16	1	J
6.	Unknown Hydrocarbon	16.45	1	J
7. 589-34-4	Hexane, 3-methyl-	16.88	1	J
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

J = Estimated Concentration

B = Detected in Blank

2807004S1

EMSL ANALYTICAL, INC.
107 Haddon Avenue
Westmont, New Jersey 08108
856-858-4800 Extension 1301
856-858-3502 Fax or
mhowley@emsl.com or svanetter@emsl.com

External

Chain of Custody / Analysis Request Form

EMSL Project # _____
PO# _____

Note: Please complete all required information. Incomplete shaded areas may hinder processing samples.

Project Name:

(Weather conditions (if known): Bar. Pressure: Temp.: % Humidity:

Custody and Sample Information - Print ALL information. Write N/A in blanks not applicable.

1. Report to:
PORTER MORGAN
BLACKSTONE
331 BLUEJAY WAY
ORLANDO, FL

2. Bill To:
SAME

Contact Person
Name: PORTER MORGAN
E-mail: PMORGAN @ blackstone
Tel.#: 321-251-7932 CONSULTING COM
FAX #: 321-251-7984

Sample Shipping and Transport Notice
The individual signing this document to relinquish the sample(s) is indicating that the sample(s) is/are being shipped in compliance with all applicable local, state or Federal as well as international laws, regulations and ordinances EMSL Analytical, Inc assumes no liability with respect to sampling, handling or shipping of the samples included in this shipment. The relinquishing signature in addition indicates agreement to hold harmless, defend and indemnify EMSL Analytical, Inc against any claim, demand, or action related to the sampling, handling, or shipping of samples Call the D O T Hotline at -(800) 467-4922 for questions about regulations

3. Sampled by (Signature): PORTER MORGAN

4. # of Samples in Shipment: 6

5. Date of Sample Shipment: 3-27-07

6. Date/Time Results Needed: STD. 5-DAY

Item #	Lab Sample ID	Canister ID	Client Sample ID	Sampling Date / Time Start	Sampling Date / Time Stop	Regulator ID	Analyses Requested	Field Test Values (ppm)	Canister / Vacuum Initial "Hg	Final "Hg	Receipt "Hg
1		T1896	AS-5	3-26-07 1045	3-27-07 1045	7296162-12hr	TO-15		-30	-6	-4
2		T2887	AS-6	3-26-07 1048	3-27-07 1048	7292101-12hr			-30	-5	-2
3		T1550	AS-2	3-26-07 1105PM	3-27-07 0703	7281826-8hr			-30	-5	-2
4		T2206	AS-1	3-26-07 1100	3-27-07 0700	7289647-8hr			-30	-7	-1
5		S2080	AS-4	3-26-07 1110 PM	3-27-07 0710	7282097-8hr			-30	-5	-1
6		T1817	AS-3	3-26-07 1105 PM	3-27-07 0705	7288376-8hr			-30	-7	-1

Sample Type: [X] Indoor Air Quality [ ] Soil Gas [ ] Vent Gas [ ] Other _____

Do you want your results e-mailed? [X] Yes [ ] No

Library Search needed: [ ] Yes [ ] No, required if you will need help interpreting your report.

Relinquished by (print/sign): Steve Koski	Company: EMSL	Date/Time 3/28/07 1602	Affixed Custody Seal No. 1138, 1139, 1140
Received by (print/sign): PORTER MORGAN	Company: BLACKSTONE	Date/Time 3-26-07 1000	Was Custody Seal Broken? [ ] Yes [X] No
Relinquished by (print/sign): PORTER MORGAN	Company: BLACKSTONE	Date/Time 3-27-07 1700	Affixed Custody Seal No. 1138, 1139, 1140 ✓
Received by (print/sign): DM-FX-945A	Company: EMSL	Date/Time	Was Custody Seal Broken? [ ] Yes [ ] No
Relinquished by (print/sign):	Company:	Date/Time	Affixed Custody Seal No.
Received by (print/sign):	Company:	Date/Time	Was Custody Seal Broken? [ ] Yes [ ] No
Relinquished by (print/sign):	Company:	Date/Time	Affixed Custody Seal No.
Received by (print/sign): Steve Koski	Company: EMSL	Date/Time 3/28/07 1413	Was Custody Seal Broken? [ ] Yes [ ] No

Please indicate Turn Around Time needed: [X] Standard 5-10 Days* | *96-Hour | *72- | *48-Hour | *24-Hour

*TAT subject to laboratory workload. A limited amount of 5 day TAT can be accepted by laboratory

Comments:

Please indicate reporting requirements:
1) Results only [ ] 2) Other (Attach a copy of requirements) [ ]

TO-15 IH COC 032905.doc

Tuesday, March 27, 2007.max